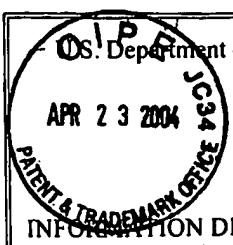
 U.S. Department of Commerce, Patent and Trademark Office <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)		Application No.:	10/722,724
		Filing Date:	November 25, 2003
		First Named Inventor:	Peter G. Borden
		Group Art Unit:	2877
		Examiner Name:	Rosenberger
		Confirmation No.:	7346
		Attorney Docket No.:	BOX004-1C US

## U.S. Patent Documents

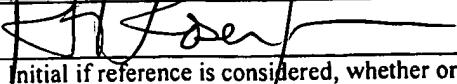
*Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
<i>PN</i>	1.	4,854,710	8/8/89	Opsal et al.	356	432	
<i>PN</i>	2.	6,489,801	12/3/02	Borden et al.	324	766	
<i>PN</i>	3.	5,966,019	10/12/99	Borden	324	752	
<i>PN</i>	4.	6,323,951	11/27/01	Borden et al.	356	502	
<i>M</i>	5.	6,426,644	7/30/02	Borden et al.	324	765	
<i>RN</i>	6.	4,952,063	8/27/90	Opsal et al.	356	432	
<i>RN</i>	7.	5,042,951	8/27/91	Gold et al.	356	369	
<i>RN</i>	8.	5,042,952	8/27/1991	Opsal et al.	356	432	
<i>PN2</i>	9.	5,159,412	10/27/92	Willenborg et al.	356	445	
<i>M</i>	10.	5,181,080	1/19/93	Fanton et al.	356	381	
<i>RN</i>	11.	5,228,776	7/20/93	Smith et al.	374	5	
<i>RN</i>	12.	4,255,971	3/17/81	Rosencwaig	73	606	
<i>RN</i>	13.	4,579,463	4/1/86	Rosencwaig et al.	374	57	
<i>M</i>	14.	4,632,561	12/30/86	Rosencwaig et al.	356	432	
<i>RN</i>	15.	4,636,088	1/13/87	Rosencwaig et al.	374	5	
<i>RN</i>	16.	4,750,822	6/14/88	Rosencwaig et al.	324	445	
<i>RN</i>	17.	6,049,220	4/11/00	Borden et al.	324	765	
<i>PN</i>	18.	6,483,594	11/19/02	Borden et al.	356	502	
<i>RN</i>	19.	5,652,716	7/29/97	Battersby	703	13	
<i>RN</i>	20.	5,761,082	6/2/98	Miura-Mattausch	703	14	
<i>PN</i>	21.	4,996,659	2/26/91	Yamaguchi et al.	714	736	
<i>RN</i>	22.	6,154,280	11/2/00	Borden	356	376	
<i>RN</i>	23.	6,054,868	4/25/00	Borden et al.	324	752	
<i>RN</i>	24.	5,883,518	3/16/99	Borden	324	752	
<i>RN</i>	25.	5,877,860	3/2/99	Borden	356	376	

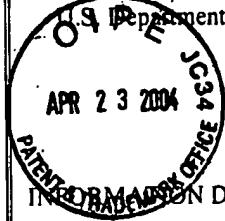
Examiner: *RA Borden*Date Considered: *3/4/04*

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~	26.	5,978,074	11/2/99	Opsal et al.	356	72	
~	27.	5,574,562	11/12/96	Fishman et al.	356	432	
~	28.	6,169,601	1/2/01	Eremin et al.	356	240	
~	29.	2002/0126732A1	9/12/02	Shakouri et al.	374	130	
~	30.	2003/0155927A1	8/21/03	Pinto et al.	324	501	
~	31.	6,489,624	12/3/02	Ushio et al	250	559	
~	32.	6,486,965	11/26/02	Kim	356	626	
~	33.	5,741,614	4/21/98	McCoy et al.	430	30	
~	34.	6,327,035	12/4/01	Li et al.	356	432	
~	35.	5,454,004	9/26/95	Leger	372	99	
~	36.	6,281,027	9/28/01	Wei et al.	438	14	
~	37.	4,975,141	12/4/90	Greco et al.	156	626	
~	38.	6,395,563	5/28/02	Eriguchi	438	7	
~	39.	4,950,990	8/21/90	Moulder	324	224	
~	40.	5,667,300	9/16/97	Mandelis et al.	374	43	
~	41.	4,521,118	06/00/85	Rosencwaig	374	5	
~	42.	4,710,030	12/1/87	Tauc et al.	356	445	
~	43.	5,074,669	12/1/91	Opsal	356	447	
~	44.	3,909,602	9/30/75	Micka	235	151	
~	45.	5,430,548	7/4/95	Hirio et al.	356	394	
~	46.	5,764,363	6/9/98	Ooki et al.	356	364	
~	47.	5,790,251	8/4/98	Hagiwara	356	351	
~	48.	5,657,754	8/19/97	Rosencwaig	128	633	
~	49.	4,634,290	1/6/87	Rosencwaig	374	5	
~	50.	4,522,510	6/11/85	Rosencwaig	374	7	
~	51.	4,243,327	1/6/81	Frosch et al.	356	432	
~	52.	3,930,730	1/6/76	Laurens et al.	356	106	

Examiner:		Date Considered:	C/4/09
* Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication with applicant.			

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<i>m</i>	53.	4,455,741	6/26/84	Kolodner	29	574	
<i>m</i>	54.	4,468,136	8/28/84	Murphy et al.	374	45	
<i>m</i>	55.	4,466,748	8/21/84	Needham	374	129	
<i>m</i>	56.	5,408,327	4/18/95	Geiler et al.	356	432	
<i>m</i>	57.	4,795,260	1/3/89	Schuur et al.	356	400	
<i>m</i>	58.	6,559,942	5/6/03	Sui et al.	356	369	
<i>m</i>	59.	6,336,969	1/8/02	Yamaguchi et al.	117	7	
<i>p</i>	60.	6,528,333	3/4/03	Jun et al.	438	16	
<i>m</i>	61.	6,081,334	6/27/00	Grimbergen et al.	356	357	
<i>m</i>	62.	3,462,602	8/16/67	Apple	250	83	
<i>m</i>	63.	5,149,978	9/22/92	Opsal et al.	250	234	
<i>m</i>	64.	6,400,454	6/4/02	Noguchi et al.	356	237	

## 65. Foreign Patent Documents

Translation

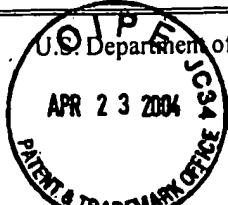
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<i>DR</i>	65	97/08536	06.03.97	WO	G01N	21/00		
<i>n</i>	66.	2000009443A	1/1/2000	Japan	G01B			
<i>RH</i>	67.	05006929A	Jan-93	Japan	H01L	21/66		

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<i>DR</i>	68.	Intl Prel Search Report PCT/US03/29993
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<i>m</i>	70.	Schroder, "Semiconductor Material and Device Characterization", John Wiley & Sons, Inc. (month unavailable), 1990, pp. 20, 84-85, 232-235, 304-306, 364, 367-374, 378-383
<i>m</i>	71.	Paquin, "Properties of Metals", Handbook of Optics, Vol. II, McGraw-Hill, Inc. (month unavailable), 1995, pp. 35.3-35.7
<i>p</i>	72.	Rosencwaig et al. "Detection of Thermal Waves Through Optical Reflectance", Appl Phys. Lett. 46, June 1985, pp. 1013-1015
<i>m</i>	73.	Rosencwaig, "Thermal-Wave Imaging", SCIENCE, Volume 218, No. 4569, Oct. 1982, pp. 223-228

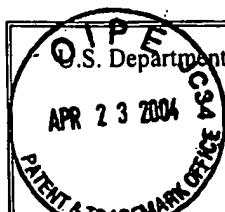
Examiner: *RK/R*Date Considered: *6/4/04*

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74.	Opsal et al. "Thermal-Wave Detection and Thin-Film Thickness Measurements with Laser Beam Deflection", Applied Optics, Vol. 22, No. 20, Oct. 1983, pp. 3169-3176
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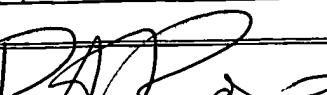
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M	96.	B.C. Forget et al., "High Resolution AC Temperature Field Imaging", Electronic Letters 25th September 1997, Vol. 33 No. 20, pp 1688-1689
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